

Amendments to the Specification:

Please replace the paragraph beginning at page 20, line 1, with the following rewritten paragraph:

--Network architecture. For all neural network experiments, the Stuttgart Neural Network Simulator (SNNS) was used. A. Zell et al., Recent Developments of the SNNS Neural Network Simulator, Aerospace Sensing Int'l Symp. 708-719 (Orlando, Florida, SPIE 1991) (~~www-ra.informatik.uni-tuebingen.de/SNNS/~~). The system comprises a kernel, batch language, and graphical interface. Initial experiments were usually carried out with the graphical interface followed by more thorough cross-validation testing utilizing the kernel, batch language, and custom PERL scripts.--